

UNITED STATES DEPARTMENT OF COMMERCI United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignina 22313-1450 www.usplo.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/695,265

10/27/2003

Rima Kaddurah-Daouk

MBZ-001CP

00959 LAHIVE & COCKFIELD, LLP. 28 STATE STREET BOSTON, MA 02109 CONFIRMATION NO. 4692
FORMALITIES LETTER
OC000000011778928

Date Mailed: 01/29/2004

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.

 A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
 - The drawings have a line quality that is too light to be reproduced (weight of all lines and letters must be heavy enough to permit adequate reproduction) or text that is illegible (reference characters, sheet numbers, and view numbers must be plain and legible) see 37 CFR 1.84(I) and (p)(1)); See Figure(s) 5 and 6C.

SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is \$65 for a Small Entity

• \$65 Late oath or declaration Surcharge.

09/02/2004 DEMMANU1 00000069 120080

01 FC:2051

65.00 DA

10695265

Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice MUST be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

PTO/SB/21 (04-04)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

19

TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

Application Number 10/695265-Conf. #4692 Filing Date October 27, 2003 First Named Inventor Rima KADDURAH-DAOUK Art Unit 1634 **Examiner Name** Not Yet Assigned Attorney Docket Number MBZ-001CP

ENCLOSURES (Check all that apply)								
X Fee Transmittal Form	X Drawing(s)	After Allowance communication to Technology Center (TC)						
Fee Attached	Licensing-related Papers	Appeal Communication to Board of Appeals and Interferences						
Amendment/Reply	Petition	Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)						
After Final	Petition to Convert to a Provisional Application	Proprietary Information						
Affidavits/declaration(s)	Power of Attorney, Revocation Change of Correspondence Address	Status Letter						
X Extension of Time Request	Terminal Disclaimer	X Other Enclosure(s) (please Identify below):						
Express Abandonment Request	Request for Refund	Combined Declaration and Power of Attorney (5 pages);						
Information Disclosure Statement	CD, Number of CD(s)	Supplemental Application Data Sheet (3 pages); Part 2 Copy of Notice (2 pages); Submission of						
Certified Copy of Priority Document(s)								
X Response to Missing Parts/ Incomplete Application								
Response to Missing Parts under 37 CFR 1.52 or 1.53								
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT								
	LAHIVE & COCKFIELD, LLP Cynthia M. Soroos - 53,623							
Signature (MIIIII M)								
Date August 30, 2004	August 30, 2004							

I hereby certify that this correspond US, in an envelope addressed to: date shown below.	lence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 981 584 264 MS Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the
Dated: August 30, 2004	Signature: (Cynthia M. Soroos)

PTO/SB/17 (10-03)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 1,070.00

Complete if Known							
Application Number	10/695265-Conf. #4692						
Filing Date	October 27, 2003						
First Named Inventor	Rima KADDURAH-DAOUK						
Examiner Name	Not Yet Assigned						
Art Unit	1634						
Attorney Docket No.	MBZ-001CP						

METHOD OF PAYMENT (check all that apply)			FEE CALCULATION (continued)				
Check Credit Mone Orde		3. ADDITIONAL FEES					
X Deposit Account:							
Deposit			Entity		Entity	_	
Account 12-0080		Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
Deposit		1051	420	2051	C.F.	Comphany late filling for an oath	
Account Lahive & Cockfi	eld, LLP		130		65	Surcharge – late filing fee or oath	65.00
The Director is authorized to: (check all	I that apply)	1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
X Charge fee(s) indicated below	X Credit any overpayments	1053	130	1053	130	Non-English specification	
X Charge any additional fee(s) or any us	nderpayment of fee(s)	1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
Charge fee(s) indicated below, excep	t for the filing fee	1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
to the above-identified deposit account.		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
FEE CALCULA	TION	1251	110	2251	55	Extension for reply within first month	
1. BASIC FILING FEE		1252	420	2252	210	Extension for reply within second month	
Large Entity Small Entity		1253	950	2253	475	Extension for reply within third month	
Fee Fee Fee Fee Fee Code (\$) Code (\$)	escription Fee Paid	1254	1,480	2254	740	Extension for reply within fourth month	
1	iling fee	1255	2,010	2255	1,005	Extension for reply within fifth month	1,005.00
1002 340 2002 170 Design	filing fee	1401	330	2401	165	Notice of Appeal	
1003 530 2003 265 Plant fil	ling fee	1402	330	2402	165	Filing a brief in support of an appeal	
1004 770 2004 385 Reissu	e filing fee	1403	290	2403	145	Request for oral hearing	
1005 160 2005 80 Provision	onal filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
SUBTOTAL (1)	(\$) 0.00	1452	110	2452	55	Petition to revive – unavoidable	
	(Ψ) 0.00	1453	1,330	2453	665	Petition to revive - unintentional	
2. EXTRA CLAIM FEES FOR UT		1501	1,330	2501	665	Utility issue fee (or reissue)	
Extra Claims	Fee from Fee Paid	1502	480	2502	240	Design issue fee	
Total Claims 64 -64** = x	= 0.00	1503	640	2503	320	Plant issue fee	
Independent 11 -11** = x	= 0.00	1460	130	1460	130	Petitions to the Commissioner	
Multiple Dependent	=	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
Large Entity Small Entity		1806	180	1806	180	Submission of Information Disclosure Stmt	
Fee Fee Fee Code (\$)	ee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 18 2202 9 Claims in ex	cess of 20	1809	770	2809	385	Filing a submission after final rejection	
· ·	t claims in excess of 3	1810	770	2810	385	(37 CFR 1.129(a)) For each additional invention to be	
I ' '	endent claim, if not paid					examined (37CFR 1.129(b))	
	ndependent claims nal patent	1801	770	2801	385	Request for Continued Examination (RCE) Request for expedited examination	
1205 18 2205 9 ** Reissue c	laims in excess of 20	1802	900	1802	900	of a design application	
and over original patent			ee (spec	ify)			
SUBTOTAL (2) (\$) 0.00			ced by E	Basic Fil	ing Fee	Paid SUBTOTAL (3) (\$)	1,070.00
**or number previously paid, if greater, f							
SUBMITTED BY (Complete (if applicable))					(Complete (if applicable))		
		Daminim	-4i Al-				

SUBMITTED BY	1	<i>i</i>			(Complete	(if applicable))
Name (Print/Type) Cynthi	M. Sprops	//00	Registration No. (Attorney/Agent)	53,623	Telephone	(617) 227-7400
Signature	MUMO)				Date	August 30, 2004

I hereby certify that this correspondence is	being deposited with	the U.S. Postal	l Service as ∦ x	press Mail, Airbill No. EL 981 584 264
US, in an envelope addressed to: MS Mis	sing Parts, Commiss	oner for Palents	s, P.O. Box//45	0, Alexandria, VA 22313-1450, on the
date shown below.	[]		1 /4	. /
Detect Assessed SO COOM	a: . (//	///	W ///	(Cynthia M. Soroos)
Dated: August 30, 2004	Signature:	T VUVVVV	/ ///	(Cynthia M. Soroos)

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EL 981 584,264 US, in an envelope addressed to: MS Missing Parts, Commissioner for Patents, P.O. Box exandria, VA 22313-1450, on the date shown Dated: August 30, 2004 Signature:

Docket No.: MBZ-001CP

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Rima Kaddurah-Daouk et al.

Application No.: 10/695265

Filed: October 27, 2003

For: METHODS FOR DRUG DISCOVERY,

DISEASE TREATMENT, AND DIAGNOSIS

USING METABOLOMICS

Confirmation Number: 4692

Art Unit: 1634

Examiner: Not Yet Assigned

SUBMISSION OF SUBSTITUTE DRAWINGS

MS Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith is one set (six sheets, Figures 1-6C) of substitute formal drawings for filing in the above-identified patent application.

Please cancel the drawings previously filed in this application.

Dated: August 30, 2004

Respectfully submitted

Cynthia/M. Soroos

Registration No.: 53,623

LAHIVE & COCKFIELD, LLP

28 State Street

Boston, Massachusetts 02109

(617) 227-7400

(617) 742-4214 (Fax)

Attorney/Agent For Applicant

All6 3 0 2004

All6 3 0 2004

Allereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Malf-Airbill No. EL 981 584 264 US, in an envelope addressed to: MS Misking Parts, Commissioner for Patents, P.O. Box 1440, Alexandria, VA. 23913-1450, on the date shown kellow.

Dated: August 30, 2004

Signature:

(Cynthia M. Soroos)

Docket No.: MBZ-001CP

(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Rima Kaddurah-Daouk, et al.

Application No.: 10/695265

Filed: October 27, 2003

For: METHODS FOR DRUG DISCOVERY,

DISEASE TREATMENT, AND DIAGNOSIS

USING METABOLOMICS

Confirmation No.: 4692

Art Unit: 1634

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

MS Missing Parts Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Application – Filing Date Granted mailed January 29, 2004, Applicant respectfully submits a Combined Declaration and Power of Attorney (5 pages), a Supplemental Application Data Sheet (3 pages), Substitute Drawings (Figures 1-6C, 6 pages), and Part 2 Copy of Notice (2 pages).

Please charge our Deposit Account No. 12-0080 in the amount of \$1,070.00 covering the fees set forth in 37 CFR 1.16(e), and 1.17(a)(5). The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 12-0080,

Application No.: 10/695265 Docket No.: MBZ-001CP

under Order No. MBZ-001CP. A duplicate copy of this paper is enclosed. Applicants request any extensions of time necessary to respond.

Dated: August 30, 2004

Respectfully submitted,

Registration No.: 53,623

LAHIVE & COCKFIELD, LLP

28 State Street

Boston, Massachusetts 02109

(617) 227-7400

(617) 742-4214 (Fax)

Attorney/Agent For Applicant